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US Dept. of Commerce Pat. &amp; Trademark Office

Attorney's Docket No.

23155

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371**

US. Application No. (if known)

**10/520999**

INTERNATIONAL APP. NO.

**PCT/DE2003/002290**

INTERNATIONAL FILING DATE

**8 July 2003**

PRIORITY DATE CLAIMED

**10 July 2002**

TITLE OF INVENTION

**NUCLEOTIDE SEQUENCES THAT ENCODE DEREGULATED PHOSPHOGLYCER**

APPLICANT(S) FOR DO/EO/US

**Lothar EGGELING et al**

Applicant herewith submits to the United States Designated/Elected Office (DO/EU/US) the following .

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. ☐ This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 317(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 USC 371(c)(2)).
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau.
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Patent Office.
6. ☒ A translation of the International application into English.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau.
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3).
9. ☐ An oath or declaration of the inventor(s) (35 USC 371(c)(4).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

**Items 11. to 16. below concern documents or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An Assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items of information.  
 Drawing (8 sheets)  
 References  
 PTO-1449

US Application no (if known)

10/520999

International Application no.

PCT/DE2003/002290

PT12 Rec'd PCT/PTO 07 JAN 2005

Attorney's Docket No.

23155

## 17. The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search report has been prepared by the EPO or JP ..... \$950.00

Int'l prel. exam. fee paid to USPTO (37 CFR 1.482) ..... \$750.00

No int'l prel. exam. fee paid to USPTO (37 CFR 1.482)

but int'l search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$790.00

Neither int'l prel. exam fee (37 CFR 1.482) nor

int'l search fee (37 CFR 1.455(a)(2)) paid to USPTO ..... \$1000.00

Intl. prel. exam. fee paid to USPTO (37 CFR 1.482)

and all claims satisfied provisions of PCT Art. 33(2-4) ..... \$200.00

ENTER APPROPRIATE BASIC FEE AMOUNT

Surcharge of \$130.00 for furnishing oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NO. FILED	NO. EXTRA	RATE		
Total claims	27	7	\$50	\$350	
Ind. claims	6	3	\$200	\$600	
MULTIPLE DEP. CLAIM(S) (if applicable) (see prel. amt.)			360	\$360.00	
TOTAL OF ABOVE CALCULATIONS				\$2,310	
Reduction of 1/4 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (37 CFR 1.2, 1.27, 1.28)				\$0	
SUBTOTAL				\$2,310	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE				\$2,310	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The Assignment may be accompanied by an appropriate PTO-1595 cover sheet (37 CFR 3.28, 3.39)					
TOTAL FEES ENCLOSED					
				Amt to be refunded	
				Amt to be charged	

- a. ☐ A check in the amount of \$ to cover the above fees is enclosed
- b. ☐ Please charge my deposit account 18-2025 \$ to cover the above fees. A copy of this sheet is enclosed.
- c. ☒ Please charge the amount due to the credit card identified in the attached PTO-2038.
- d. ☒ The commissioner is authorized to charge any additional fees which may be required or credit any overpayment to deposit account 18-2025. A copy of this sheet is enclosed
- e. A PTO-2038 in the amount of \$ to cover recordal of the Assignment is enclosed

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:

**The Firm of Karl F. Ross P.C.**  
**5676 Riverdale Ave. Box 900**  
**Riverdale (Bronx), NY 10471**

  
 Herbert Dubno, Reg. No. 19,752

23155

IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventor                      Lothar EGGELING et al  
Patent App.                  Not known (US Nat'l phase of  
PCT/DE2003/002290)

Filed                          Concurrently herewith

For                            NUCLEOTIDE SEQUENCES THAT ENCODE DEREGULATED  
PHOSPHOGLYCER

Hon. Commissioner of Patents  
Box 1450 Alexandria, VA 22313-1450

RECORD OF TRANSMITTAL--PCT APPLICATION

<input checked="" type="checkbox"/>	PCT Transmittal	
<input checked="" type="checkbox"/>	PCT Application	
<input checked="" type="checkbox"/>	Translation	
<input checked="" type="checkbox"/>	Sheets of Drawing (8)	
<input type="checkbox"/>	PCT Declaration	
<input checked="" type="checkbox"/>	PCT Documents	
<input checked="" type="checkbox"/>	International Search Report	
<input checked="" type="checkbox"/>	Preliminary Amendment	
<input type="checkbox"/>	Assignment	
<input checked="" type="checkbox"/>	Reference(s) with PTO-1449	
<input checked="" type="checkbox"/>	Sequence Listing	
<input checked="" type="checkbox"/>	Receipt of original deposit of a microorganism and Viability Statement	
<input checked="" type="checkbox"/>	PTO-2038 for Official Fees	
<input checked="" type="checkbox"/>	Basic Fee (Large Entity)	\$1000.00
<input checked="" type="checkbox"/>	3 ind. claims in excess of 3	\$600.00
<input checked="" type="checkbox"/>	7 claims in excess of 20	\$350.00
<input checked="" type="checkbox"/>	Multiply dependent claim(s) present	\$360.00
	Total	\$2310.00

Please charge any fees not covered by an enclosed PTO-2038 to account 18-2025 of the undersigned.

7 January 2005

5676 Riverdale Ave. Box 900  
Bronx, NY 10471-0900  
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Customer No. 535  
rg

Respectfully submitted,  
The Firm of Karl F. Ross P.C.

  
Herbert Dubno, Reg. 19,752

CERTIFICATE OF EXPRESS OR  
FIRST CLASS MAIL PERMIT NO. 107520999  
I hereby certify that this correspondence is  
PCT/PTO 07 JAN 2005  
Express Mail if the number of the Express  
Mail sorting label is provided below in an  
envelope addressed to: Commissioner of  
Patents and Trademarks, Washington, D.C.  
20231, on JAN - 7 2005  
TEV467341926  
Express Mail Label Number

10/520999

DT12 Rec'd PCT/PTO 07 JAN 2005

23155 PC

State of New York       )  
                              )  
County of the Bronx     )       ss:

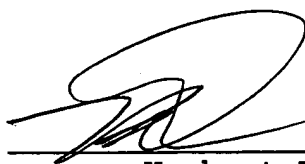
TRANSLATOR'S AFFIDAVIT

I, Herbert Dubno, a citizen of the United States of America, residing in Bronx (Riverdale), New York, depose and state that:

I am familiar with the English and German languages;

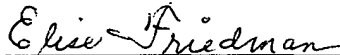
I have read a copy of the German-language document attached hereto, namely PCT/DE2003/002290; and

The hereto-attached English-language text is an accurate translation of the above-identified German-language document.



Herbert Dubno

Sworn to and subscribed before me  
20 December 2004



Elise Friedman  
Notary Public

ELISE FRIEDMAN  
NOTARY PUBLIC, State of New York  
No. 4715730  
Qualified in Bronx County  
Commission Expires May 31, 2006